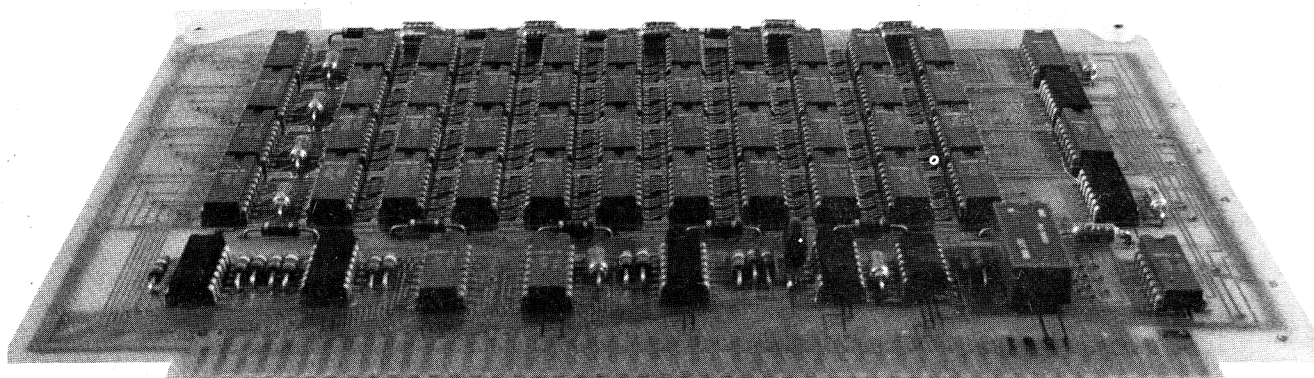


in-26 MEMORY SYSTEM



in-26 SERIES RAM MEMORY FEATURES

- Low Cost Memory
- High Reliability
- Modular Expandability
- Module Interchangeability
- Fast Cycle Time
- Low Power Requirements
- Compact Size
- Field Expandable
- 1 Power Supply Voltage

The in-26 RAM Memory System is designed to meet the high reliability and low cost requirements of random access buffer storage applications. The in-26 features a complete memory system on a single PC board. This memory system has a basic capacity of 4k x 8 and can be expanded to 16k x 8. It is also available in capacities as small as 1k x 8. The compact size of this system makes it ideal for use as a buffer main memory storage for various computer peripheral applications. This memory system is designed especially to interface with the MCS-4/MCS-8 series micro processors.

SYSTEM in-26 SPECIFICATIONS**Dimensions:**

Memory Board: 8.175 Inches High
(4k x 8) 6.0 Inches Deep
0.5 Inches Wide

Capacity:

1024, 2048, and 4096 words expandable to 16k words by the addition of memory cards.

Word Length:

4, 6, 8 bits per card. Longer words can be made by adding additional memory cards.

Cycle Time:

in-26 900 Nanoseconds

Access Time:

in-26 900 Nanoseconds

Operational Modes:

Read (NDRO)
Write
Read/Modify/Write

Interface Characteristics:

TTL Compatible
Standard Input Lines:
Cycle Initiate
Board Select
Read/Write
Standard Output Lines:
Data Available
Memory Busy

Environment:

Temperature: 0°C to +50°C operating ambient
-40°C to +125°C non-operating

Relative Humidity: Up to 90%
with no condensation

Altitude: 0 to 10,000 feet operating
Up to 50,000 feet non-operating

DC Power Requirement:

in-26 +5V ± 5%

Features:

Board Select
Address Register
Low Power Standby Operation
Single Board System
One Connector Per System
One Voltage

Special Options:

Intel also offers the in-26 mounted in a card chassis. This chassis is available in a variety of sizes and can be for future expansion of the memory without changing the basic chassis.

